

Needle Tip Electric Soldering Iron

This electric soldering iron features a long-life needle tip, ideal for detailed work. Designed for durability, it includes a stainless steel sleeve and pure copper core for efficient and consistent heat transfer.



ADDITIONAL IMAGES



Overview

Professional Needle Tip Soldering Iron

This high-performance electric soldering iron is engineered for both DIY enthusiasts and professional electronics repair. Featuring a durable needle tip and efficient heating technology, it ensures rapid thermal transmission and high temperature stability. Its lightweight, ergonomic design reduces hand fatigue during extended use, making it an ideal tool for circuit board assembly, laptop repair, and general electronics work.

Technical Specifications

Durability

20000 cycles
Working Life

Voltage Compatibility

220V-240V 50Hz, 230V 50/60Hz

Construction & Materials

Material Composition

- Natural mica Ni-Cr heater
- Stainless steel sleeve
- Pure copper core
- Electroplated nickel iron layer (2.0mm)

Tip Technology

Brass Tip • High-temperature tin coated • Anti-oxidation treated

Performance Features

Efficiency Benefits

- Fast heat-up time (3-5 minutes)
- High temperature stability
- 70% lower power consumption than standard irons
- Energy-efficient and environmentally conscious

Applications

Recommended Use Cases

Electronics Repair, Circuit Board Assembly, Laptop & Computer Repair, Radio Repair, Hobbyist Kits